AVIATION SAFETY FOR THE BCT PROFESSIONAL

CW4 CURTIS BELL

AGENDA

- COMPOSITE RISK MANAGEMENT
- AVIATION ACCIDENT PREVENTION SURVEYS
- PRE-ACCIDENT PLANS
- ACCIDENT REPORTING
- FOREIGN OBJECT DAMAGE PREVENTION
- HAZARDOUS MATERIALS MANAGEMENT
- FIRE PREVENTION
- HEARING CONSERVATION
- HANGAR & SHOPS SAFETY
- FLIGHTLINE SAFETY
- POL SAFETY
- TACTICAL SAFETY PLANNING

COMPOSITE RISK MANAGEMENT

- INTEGRATED INTO PLANNING AND OPERATIONS
- CONTROLS IMPLEMENTED
- ASO RESPONSIBILITIES
- MISSION BRIEFINGS
- VCSA AND USAREUR AVIATION SAFETY DIRECTIVES
- TRAINING
- COMMANDER'S SAFETY COUNCIL
- PILOT BRIEFS

AVIATION ACCIDENT PREVENTION

SURVEYS

- HAZARD LOG
- HAZARD ABATEMENT PROCEDURES
- 2-DEEP INSPECTIONS (CO/BN or BN/BDE)

PRE-ACCIDENT PLANS

- REHERSED
- PRINCIPALS KNOWLEDGEABLE
- TACTICAL PLANS
- NOTIFICATION TIMELINES
- ACCIDENT KIT
- HAZARDOUS MATERIALS SAFETY

ACCIDENT REPORTING

- REPORTABLE vs RECORDABLE
- TIMELINES
- NOTIFICATION PROCEDURES
- NEAR MISSES
- PRECAUTIONARY AND FORCED LANDINGS
- OHRs

FOREIGN OBJECT DAMAGE PREVENTION

- FOD PREVENTION OFFICER
- DISCUSSED AT SAFETY MEETINGS
- FOD CONTROL CHECKLIST
- MONTHLY FOD INSPECTIONS

HAZARDOUS MATERIALS MANAGEMENT

- HAZARDOUS COMMUNICATION PROGRAM
- HAZARDOUS MATERIALS STORAGE
- COMPRESSED GAS
- PROTECTIVE CLOTHING AND EQUIPMENT
- RESPIRATORY PROTECTION PROGRAM
- ENVIRONMENTAL PROTECTION PROGRAM
- SPILL PLAN

FIRE PREVENTION

- FIRE PREVENTION PROGRAM
- FIRE EXTINGUISHERS
  - TRAINING
  - TYPE AND QUANTITY
- FIRE MARSHALL / BUILDING WARDENS
- FIRE INSPECTIONS

HEARING CONSERVATION

- UNIT HEARING CONSERVATION MANAGER
- HEARING CONSERVATION PROGRAM / EVALUATIONS
- SURVEYS
- ADMINISTRATIVE OR ENGINEERING CONTROLS (>85 dBA)

HANGAR AND SHOPS SAFETY

- ELECTRICAL SAFETY
- MACHINE TOOL SAFETY
- FIRE AWARENESS SAFETY
- PARKING OF AIRCRAFT / EQUIPMENT IN HANGAR
- JACKING AND HOISTING PROCEDURES
- FOD PROGRAM (TOOL ACCOUNTABILITY)
- GSE EQUIPMENT
- GENERAL HOUSEKEEPING
- AVIONICS SHOP
- ARMAMENT SHOP
- BATTERY SHOP

FLIGHTLINE SAFETY

- HEARING PROTECTION
- FOD PROGRAM
- SAFETY AROUND AIRCRAFT
- PARKING AND MOORING OF AIRCRAFT
- TOWING OF AIRCRAFT
- FLIGHTLINE MAINTENANCE EQUIPMENT
- REFLECTORIZING OF EQUIPMENT
- STATIC GROUNDING OF AIRCRAFT
- SERVICING OF AIRCRAFT

POL SAFETY

- FIRE PLAN
- FIRE EXTINGUISHERS
- FUEL TESTING
- SERVICEABILITY OF EQUIPMENT
- TRAINING
- GROUNDING
- SPILL PLAN
- SAMPLING

TACTICAL SAFETY

- AIRSPACE MANAGEMENT
- INGRESS / EGRESS ROUTES
- FARP PLANNING
- LIGHTING
- PARKING / MOORING
- MAINTENANCE CHALLENGES
- BROWNOUT
- POL STORAGE
- AMMUNITION STORAGE
- FIRE PLAN
- TACTICAL PRE-ACCIDENT PLAN
- PREFLIGHT PLANNING

REFERENCES

- AR 385-10, Army Safety Program
- AR 385-95, Army Aviation Accident Prevention
- AR 95-1, Flight Regulations
- AR 200-1, Environmental Protection and Enhancement
- AR 11-34, Army Respiratory Protection Program
- AR 385-14, Transportation, Accident Prevention, and Emergency Response Involving Conventional Munitions and Explosives
- AR 385-16, System Safety Engineering and Management
- AR 385-40, Accident Reporting and Records
- DA PAM 385-40, Army Accident Investigation and Reporting
- AR 385-63, Range Safety
- DA PAM 385-64, Ammunition and Explosives Safety Standards
- AR 700-68, Storage and handling of liquefied and gaseous compressed gases and their full and empty cylinders
- TM 38-410, Storage and Handling of Hazardous Materials
- TM 5-811-5, Army Aviation Lighting
- TM 5-823-4, Marking of Army Heliports
- TB 43-0142, Safety Inspection and Testing of Lifting Devices
- FM 3-0, Operations
- 29 CFR 1910, OSHA Standards for General Industry

AVIATION SAFETY

QUESTIONS?